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No. 36] NEW DELHI, SATURDAY, SEPTEMBER 6, 1986 (BHADRA 15, 1908)

इस भाग में भिन्न पृष्ठ संख्या हो जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 6th September 1986

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CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated the 12th July, 1986 under the heading "PATENTS SEALED" delete 155237.

APPLICATIONS FOR PATENTS FILED AT THE HEAD
OFFICE 214, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

30th July, 1986

576/Cal/86. Trutzschler GMBH & Co. KG. A device for automatic handling of at least one can between a silver delivery and a silver spinning machine.

577/Cal/86. Stoping Aktiengesellschaft. Bracing device for slide locks.

578/Cal/86. (1) Wagner International AG. (2) J. Wagner GMBH. Airless spray gun.

579/Cal/86. Norton Company. Packing element for exchange column.

580/Cal/86. Institut Elektrosvarki Imeni E.O. Patona Akademii Nauk Ukrainskoj SSR. Method for electro-slag welding of metals.

31st July, 1986

581/Cal/86. Savvy Diagnostics Ltd. Stable chemical compositions containing chromogenic materials or mixtures of chromogen materials and peroxides, and stabilizing chemical compositions and methods for obtaining the stable chemical compositions.

582/Cal/86. Hoechst Aktiengesellschaft. A process for the preparation of aromatic dialkylamines.

583/Cal/86. Siemens Aktiengesellschaft. Valve choke, for use in high voltage direct current transmission systems.

584/Cal/86. Metallgesellschaft Aktiengesellschaft. Process for a direct reduction of iron oxide containing materials in a rotary kiln.

585/Cal/86. Hino Jidosha Kogyo Kabushiki Kaisha. Parallel working machine tool.

1st August, 1986

586/Cal/86. Rank Taylor Hobson Limited. Bearing structures. (Convention date 2nd August, 1985) U.K.

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TODI ESTATE, IIIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400013.

10-7-1986

189/Bom/86 Crompton Greaves Limited.

A liquid pressure operated directional flow control valve device for use in a hydraulic system.

190/Bom/86 Avinash Mithalal Solanki

An electronic stack monitoring device.

191/Bom/86 Do.

A computerised electronic register for dispensing petrol pump at retail outlet.

192/Bom/86 Hemendra Sheshkaran Vora

An improved piece of luggage, particularly a suitcase.

11-7-1986

193/Bom/86 Yashwant Shripad Barve.

Remote Controlled Door closing device.

15-7-1986

194/Bom/86 Ion Exchange (India) Ltd.

Improved water purifier or water purifier cum filter.

16-7-1986

195/Bom/86 Madhusudan Hirralal Desai

Solar Stove.

196/Bom/86 Mrs. Romaisa Tariq Azmi

Tooth Brush cap which is known as Hygenic cap. The tooth brush has also got certain salient features viz. natural thumb grip and serrated better grip while brush-

17-7-1986

| | | |
|------------|---|---|
| 197/Bom/86 | Honeywell Information Systems Inc. | Channel number priority assignments apparatus. |
| | | 18-7-1986 |
| 198/Bom/86 | Swastic Rubber Products Limited | A paradroppable flexible collapsible reusable container. |
| 199/Bom/86 | Harosh Dwarakdas Asar | An improved Carrom Board. |
| | | 21-7-1986 |
| 200/Bom/86 | Jagdishchandra Vasantrai Bhatt | A novel method and device for joining or splicing two yarn ends, for use in textile industry. |
| 201/Bom/86 | Meridian Surgical Industries, Pvt. Ltd. | Umbilical Cord Clamp. |
| | | 22-7-1986 |
| 202/Bom/86 | Jagdishchandra Vasantrai Bhatt. | A mechanism for automatically controlling diameter of a package on a winder. |

**APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,
MADRAS-600 002**

21st July, 1986

- 567/Mas/86. L. G. Balakrishnan & Bros. Ltd. A window frame for a bus.
- 568/Mas/86. L. G. Balakrishnan & Bros. Ltd. A skirt panel for a bus.
- 569/Mas/86. K. Sesnadi. Mechanism or device for automatic varying of the compression ratio in Internal Combustion Engines (Diesel or Petrol).
- 570/Mas/86. Dr. P. Sivaprasad. Solid mix for pesticidal colloidal sulphur.
- 571/Mas/86. T. T. Muthu. Ready fuse loading system.
- 572/Mas/86. Lucas Industries Public Limited Company. Automatic adjuster. (July 23, 1985; United Kingdom).
- 573/Mas/86. Shell Internationale Research Maatschappij B. V. Synthesis gas conversion using ror-activated catalyst.
- 574/Mas/86. Enichem S.p.A. Process for the reduction of fluorides of silicon, titanium, zirconium or uranium.
- 575/Mas/86. Enichem S.p.A. Process for recovery of silicon from a reaction mixture.
- 576/Mas/86. Enichem S.p.A. Fluxing system for reactors for production of silicon.
- 577/Mas/86. Enichem S.p.A. Melt consolidation of silicon powder.
- 578/Mas/86. Aluminium Pechiney. Rotary switching device providing with an axially displaceable conical chamber.
- 579/Mas/86. AE PLC. Improvements in or relating to the production of engineering components. (July 26, 1985; United Kingdom).
- 580/Mas/86. SAMIN Societe Azionaria Minero-Metallurgica S.P.A. Process for separating arsenic from acid solution which contain it.

22nd July, 1986

- 581/Mas/86. The Mysore Electrical Industries Limited. Improved version of osi-rotor unit.
- 582/Mas/86. Dainippon Ink and Chemicals, Inc. Aqueous deodorants and deodorizing methods.

583/Mas/86. Mineral Process Licensing Corporation B. V. Process for preparing an iron oxide (February 24, 1983; United Kingdom). [Divisional date 22nd February, 1984].

584/Mas/86. Minnesota Mining and Manufacturing Company. Copolymerizable UV Stabilizers.

585/Mas/86. Henkel Kommanditgesellschaft, AUF Aktien. Silicate-and magnesium-free stabiliser mixtures.

586/Mas/86. Societe des Produits Nestle S.A. Protein-free coffee whitener.

587/Mas/86. BBC Brown, Boveri & Company Limited. Dual Burner.

588/Mas/86. K. M. Antony and Mathew Antony. A method of manufacturing polymer based brush mats of woven type and non-woven type simultaneously.

23rd July, 1986

589/Mas/86. Axle Plan Corporation. Pressure of radish and process for preparation thereof.

24th July, 1986

590/Mas/86. Dr. P. Sivaprasad. Pesticidal composition from sulphur sludge.

591/Mas/86. Dr. P. Sivaprasad. Elemental sulphur recovery from sulphur sledge in sulphuric plant.

591/Mas/86. Dr. P. Sivaprasad. Elemental sulphur recovery lidation of alloy metal powder billets.

593/Mas/86. The Salk Institute for Biological Studies. GRF Analogs.

25th July, 1986

594/Mas/86. Schlumberger Limited. System and method for data processing.

COMPLETE SPECIFICATION ACCEPTED

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CLASS : 40-F; 56-C.

158101

Int. Cl. : B 01 d 9/00; B 01 j 1/00.

PROCESS FOR THE CRYSTALLISATION OF DIFFICULTY SOLUBLE MATERIALS AND CRYSTALLISATION APPARATUS FOR CARRYING OUT SUCH PROCESS.

Applicant : DYNAMIT NOBEL AKTIENGESELLSCHAFT, OF POSTFACH 1209, 521 TROISDORF, WEST GERMANY.

Inventors : 1. EUGEN HADAMOVSKY, 2. ANTON SCHOENGREN, 3. DR. HEINZ SCHROEDER.

Application No. 1095/Cal/81 filed September 30, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

Process for the crystallisation, under normal conditions of pressure and temperature, of difficulty soluble materials of the kind described herein dissolved in a solvent namely, water, acetic acid, methanol or mixtures thereof upto saturation by removal of heat from the solution, characterised in that there is conducted over the solution a dried carrier gas, drying the carrier gas loaded with solvent vapour by separating off after cooling and condensing, absorbing or adsorbing in a known manner of the solvent and recycling the carrier gas into the solution after reheating.

Compl. Specn. 18 pages.

Drg. 1 sheet.

CLASS : 129-J.

158102

Int. Cl. : B 21 b 37/14.

A STRIP ROLLING MILL TO PRODUCE ROLLED STRIP HAVING REDUCED AND CONTROLLED STRESS VARIATIONS.

Applicant : THE BRITISH ALUMINIUM COMPANY plc, OF 7 BAKER STREET, LONDON W1M 1 AB, ENGLAND.

Inventors : 1. DR. GREYHAM FRANK BRYANT, 2. DR. PETER DAVID SPOONER, 3. WILLIAM KENNETH JACKSON PEARSON.

Application No. 459/Cal/82 filed 24, 1982.

Convention date 25th April, 1981 (81 12816) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A strip rolling mill for producing rolled strip material having reduced and controlled stress variations; the rolling mill having at least one stand with upper and lower back-up rolls and a pair of work rolls disposed between the back-up rolls, first and second screw means for respectively controlling movement of the ends of one of the back-up rolls, and first and second jack means for respectively applying forces to each of the ends of the work rolls, by using a shape sensor having outputs from which the stress distribution across the width of the rolled strip is determined, characterised in that the stress distribution sensed across the rolled strip by said shape sensor and the desired stress distribution are fed into a first means to obtain therefrom an output of an error signal $E(x)$ representing the difference between a desired strip shape and the actual strip shape sensed by the shape sensor, and feeding the output of said first means to a second means which computes the optimum values of the control parameters ΔJ_1 , ΔJ_2 , ΔS_1 and ΔS_2 of the four mathematical expressions

$$(F_1^x[x, W, L, \Delta J_1], F_2^x[s, W, L, \Delta S_1])$$

where

F_1^x are respectively the changes in shape distribution caused by unit changes in the left jack means and the right jack means

F_2^x are respectively the change in shape distribution caused by unit changes in the left screw means and the right screw means

x is the distance across the strip from one edge

W is the strip width

L is the roll length

ΔJ_1 are respectively the changes in the forces applied to the left-right jack means and

ΔS_1 are respectively the changes in the forces applied to the left/right screw means;

by minimising the functional of the distribution $E(x)-C(x)$, where $C(x)$ represents a single correction of stress distribution and obtained by determining an optimum value for each of said control parameters; and means for separately controlling each of said screws and jacks individually in accordance with the so computed values of ΔS_1 , ΔS_2 , ΔJ_1 and ΔJ_2 .

Compl. Specn. 26 pages.

Drgs. 3 sheet.

CLASS : 90-C & I.

158103

Int. Cl. : C 03 b 13/00, 15/00, 37/00.

CONTROL SYSTEM FOR MONITORING AND CONTROLLING THE PROCESSING OF GLASS SHEETS IN A GLASS PROCESSING ENVIRONMENT.

Applicant & Inventor : JOHN STEPHEN NITSCHKE, OF 324, EAST SECOND STREET, PERRYSBURG, OHIO 43551, UNITED STATES OF AMERICA.

Application No. 471/Cal/82 filed April 28, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A control system for monitoring and controlling the processing of sheets of glass in a glass processing environment comprising a roller conveyor by means of which the glass sheets are conveyed and transferred from a set of rolls of the roller conveyor by transfer apparatus including bonding apparatus for transferring the glass sheets from the set of rolls, sensor means located along the path of conveyance for sensing the glass sheets as the glass sheets are conveyed by the roller conveyor past the sensor means and providing glass sense signals upon sensing the glass sheets.

generating means coupled to the roller conveyor for generating a transport signal corresponding to the distance that the glass sheets are conveyed along the path of conveyance, and

signal processing means for processing said glass sense and transport signals corresponding to each glass sheet to provide control signal to a roll operator for operating the set of rolls to control movement thereof and glass sheet conveyance thereon independent of the glass sheet conveyance on the other rolls of the roller conveyor.

Compl. Specn. 23 pages. Drgs. 2 sheets.

CLASS : 31-A

158104

Int. Cl. H 01 g 1/00.

CAPACITOR APPARATUS.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor 1. BARRY LYN HOLTZMAN.

Application No. 889/Cal/82 filed July 29, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

Capacitor apparatus comprising at least a capacitor unit having a predetermined capacitance and including first and second capacitor electrodes, said unit being contained within a housing associated with first and second terminals, a high frequency discharge damping device comprising a parallel circuit connected between said first capacitor electrode and a first terminal in which one parallel path has a resistance substantially greater than the resistance of the other parallel path and an inductance substantially less than the inductance of the other parallel path, the resistance of said one parallel path and the inductance of the other parallel path cooperating in combination to present negligible power losses at normal operating frequency and substantial damping capability upon a substantially higher frequency discharge; and means for connecting said second capacitor electrode with a second terminal.

Compl. Specn. 13 pages. Drgs. 2 sheets.

CLASS : 107-F.

158105

Int. Cl. F 02 b 43/10.

IMPROVEMENT IN RELATING TO INTERNAL COMBUSTION ENGINE OF HYDROGEN GAS.

Applicants : (1) KENJI WATANABE (2) KATSUJI BABA RESPECTIVELY OF 23-8, 2 CHOME TAKE, KAGOSHIMA SHI, JAPAN AND 15-1, TERUKUNICHO, KAGOSHIMA SHI, JAPAN.

Inventor : 1. KENJI WATANABE.

Application No. 1195/Cal/82 filed October 14, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

In a hydrogen gas fueled internal combustion engine, the improvement comprising :

a hydrogen gas jet nozzle provided in a combustion chamber of the engine to directly jet hydrogen gas as fuel into the combustion chamber;

a source of water at ambient or room temperature; and

a water spray jet nozzle coupled to said water source, said spray jet nozzle being provided in said combustion chamber, separately and independently of said hydrogen gas jet nozzle, to direct a spray of said ambient or room-temperature water into said combustion chamber substantially simultaneously with the jetting in of the hydrogen gas;

the air in said combustion chamber being compressed so that the water sprayed into said combustion chamber is instantly vaporized to steam by igniting of the hydrogen gas jettied into said combustion chamber, thereby utilizing the combustion/explosion energy of the hydrogen gas and the steam energy generated from the vaporization of the steam in combustion to obtain mechanical dynamic energy.

Compl. Specn. 18 pages. Drgs. 4 sheets.

CLASS : 40-A₁

158106

Int. Cl. C 10 g 11/00.

METHOD AND APPARATUS FOR FLUID CATALYTIC CRACKING.

Applicant : MOBIL OIL CORPORATION, OF 150 EAST 42ND STREET, NEW YORK, NEW YORK, 10017, UNITED STATES OF AMERICA.

Inventors : 1. BENJAMIN GROSS, 2. JAMES HENRY HADDAD, 3. MADHAV A MALLADI.

Application No. 84/Cal/83 filed January 21, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A fluid catalytic cracking apparatus comprising a cracking vessel and a regenerator vessel that comprises a chamber for spent catalyst, a chamber for regenerated catalyst and means which, in use, enables a portion of the catalyst to be recycled from the regenerated catalyst chamber to the spent catalyst chamber; characterized in that the chambers for regenerated catalyst and for spent catalyst are mutually adjacent and separated by a wall and that the means enabling catalyst to be recycled comprises at least one trickle valve situated in the wall in communication with the chambers for regenerated catalyst and for spent catalyst.

Compl. Specn. 23 pages. Drgs. 3 sheets.

CLASS : 136-B & 151-C.

158107

Int. Cl. B 29 d 23/10.

AN ELONGATED FLUID-DISTRIBUTING HOSE FOR USE IN A FLUID-DISTRIBUTING SYSTEM AND AN APPARATUS AND A METHOD FOR MAKING THE SAME.

Applicant & Inventor : RICHARD DEXTER CHAPIN, OF 368 NORTH COLORADO AVENUE, WATERTOWN, NEW YORK 13601, UNITED STATES OF AMERICA.

Application No. 387/Cal/83 filed March 31, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

34 Claims

An elongated fluid-distributing hose for use in a fluid-distributing system, said hose comprising :

a main supply channel adapted for fluid communication with a source of fluid under pressure;

at least one elongated flow-restricting passage disposed about the exterior of said main supply channel said passage being continuous and uninterrupted throughout the full longitudinal length of said hose, said passage being essentially parallel to the longitudinal axis of said hose;

a common wall made of a thin film, said wall simultaneously defining a portion of said main supply channel and each of said flow-restricting passages;

inlet means for providing fluid communication between said main supply channel and said passage; and

outlet means for providing fluid communication between said passage and the exterior of said hose.

Compl. Specn. 62 pages. Drgs. 15 sheets.

CLASS : 167-C.

158108

Int. Cl. : B 03 b 9/00.

DEWATERING AND COMPACTING APPARATUS.

Applicant : DEREK PARNABY CYCLONES INTERNATIONAL LIMITED, OF CHILTON INDUSTRIAL ESTATE, FERRYHILL, COUNTRY DURHAM DL17-OPB, ENGLAND.

Inventor : J. DEREK PARNABY.

Application No. 417/Cal/83 filed April 11, 1983.

Convention dated 24th July, 1982 (21478/1982) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

Dewatering and compacting apparatus comprising foraminous surface in the form of a plurality of longitudinally extending, substantially parallel, contiguous troughs of substantially U-shaped or V-shaped cross-section separated by ridges, said surface being longitudinally inclined relative to the horizontal, means to supply wet particulate material such as herein described to the lower end of the foraminous surface, means to collect water located under said surface and at least one vibrator means for vibrating said surface.

Compl. Specn. 17 pages. Drgs. 3 sheets.

CLASS : 134-D.

158109

Int. Cl. B 62 d 3/12.

METHOD AND APPARATUS FOR MAKING STEERING RACK BARS.

Applicant : ARTHUR ERNEST BISHOP, OF 17 BURTON STREET, MOSMAN, NEW SOUTH WALES, COMMONWEALTH OF AUSTRALIA.

Inventors : 1. ARTHUR ERNEST BISHOP, 2. KLAUS JUERGEN ROESKE, 3. DAVID WILLIAM SCOTT.

Application No. 708/Cal/83 filed June 4, 1983.

Convention dated 4th June, 1982 (PF 4309/82) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A die for forming a Y-form rack portion of a steering rack bar from a blank by forging, the rack section having teeth formed on one face and on the opposite face thereof at least two longitudinally extending guide faces, the die comprising a group of at least three forming elements relatively movable on application of forging pressure to the die to coverage on a blank placed therein, a first of said forming elements having in it cavities the shape of which correspond to the shapes of the teeth to be formed, second and third forming elements having forming faces adapted to form the said longitudinal guide faces, the said three forming elements being shaped and arranged to move in such a manner to inhibit escape of the material of the blank between said first and second or first and third forming elements up to substantially the last instant of closure of the die.

Compl. Specn. 21 pages. Drgs. 7 sheets.

CLASS : 128-E.

158110

Int. Cl. A 61 n 1/00.

ELECTROMAGNETIC THERAPEUTICAL DEVICE.

Applicant & Inventor : KEN HASHIMOTO, OF 1-15-17 KO-MACHI, KAMAKURA-SHI, KANAGAWA-KEN, JAPAN.

Application No. 906/Cal/83 filed July 20, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

An electromagnetic therapeutic device comprising :

a transformer having primary and secondary windings, the primary winding(s) being connectable to a conventional source of AC power and the secondary winding(s) having a plurality of tap points therewith : a double voltage rectification system connected to the secondary winding of the transformer through an element adapted to connect with the tap points; a condenser for charging and discharging and generating a discharge voltage of 50-500 V, the condenser being connected in parallel to an output terminal of the rectification circuit; a coil of 10-200 turns for generating an electromagnetic field and being connected in parallel to both terminals of the condenser; switching means connected in series with the coil for on and off control of the condenser, the switching means causing the discharge of an electric charge from the condenser to the coil when in the on condition; and oscillating means for generating a signal of 4-20 Hz to activate the switching means, the signal being variable.

Compl. Specn. 14 pages. Drgs. 2 sheets.

CLASS : 32F₂b

158111

Int. Class : C07d 33/54 & 33/38.

"PROCESS FOR THE SYNTHESIS OF 6-METHOXY-8-(4-N-3'-ACETO-4', 5'-DIHYDRO-2-FURANYLAMINO-1-METHYL-BUTYLAMINO)-QUINOLINE".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACF XXI OF 1860).

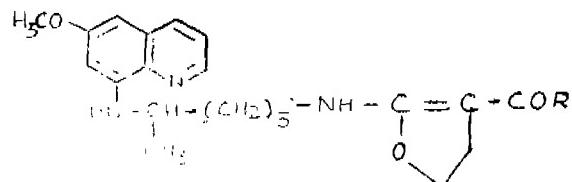
Inventor : BALKRISHAN BHAT, MANJU SETH, AMIYA PRASHAD BHADURI, RITA RAINA, NANDLAL PAL, SUBHASH CHANDRA AND AMIYA BHUSHAN SEN.

Application for Patent No. 389/DEL/1982 filed on 24th May, 1982. Complete Specification left on 24th August, 1983.

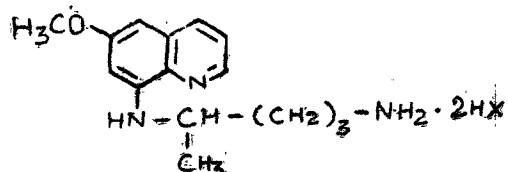
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

4 Claims

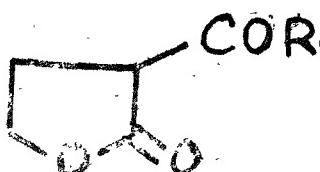
Process for the synthesis of 6-methoxy-8-(4-N-3'-aceto-4', 5'-dihydro-2-furanyl-amino-1-methyl-butylamino) quinoline of the formula **III**.



wherein R is an alkylradical comprising reacting 6-methoxy-8-(4-amino-1-methylbutylamino) quinoline of the formula I



wherein HX represent salts of acids like hydrohalides, phosphates and sulphates with a butrolactone of formula II



wherein R has the meanings given above in the presence of a base and an organic solvent at the boiling point of the reaction mixture.

Provisional Specification 4 pages. Drg. 1 sheet.

Compl. Specn. 6 pages. Drg. 1 sheet.

CLASS : 14A₂

158112

Int. Class : H01M 13/06 & 35/00.

"AN IMPROVED CELL HAVING MIXED SOLID CATHODE MATERIALS FOR CONTROLLING CELL EXPANSION ON DISCHARGE".

Applicant : UNION CARBIDE CORPORATION, MANUFACTURERS, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, HAVING OFFICES AT OLD RIDGEBURY ROAD, DANBURY, CONNECTICUT 06817, UNITED STATES OF AMERICA.

Inventor : GERALD FRANK BUBNICK.

Application for Patent No. 421/DEL/1982 filed on 2nd June, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

8 Claims

An improved cell comprising a consumable anode as defined herein, a cathode that expands during cell discharge and an electrolyte composed of an ionising solute dissolved in a solvent of the kind such as herein described, characterised in that said cathode comprises a physical mixture of at least two active solids cathode materials said mixture evincing an overall volumetric expansion substantially equal to the volumetric expansion of the consumable anode during the cell discharge thereby providing a substantially constant volume for the cell the first of said solid active cathode materials being a metal sulfide which expands volumetrically more than the volumetric contraction of said consumable anode during cell discharge while the second of said solid active cathode materials is a metal oxide, a metal chromate, a metal phos-

phate, a metal sulphate or a metal halide, said second solid active cathode material expanding volumetrically less than the volumetric expansion of said first active cathode material during cell discharge.

Compl. Specn. 17 pages.

CLASS : 55 D and 32F₂(b)

158113

Int. Class : A 01n, 9/00.

"PROCESS FOR PREPARING NOVEL BIS-TRIAZOLE DERIVATIVES."

Applicant : PFIZER CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE REPUBLIC OF PANAMA, OF CALLE 15/2, AVENIDA SANTA ISABEL, COLON, REPUBLIC OF PANAMA.

Inventor : KENNETH RICHARDSON.

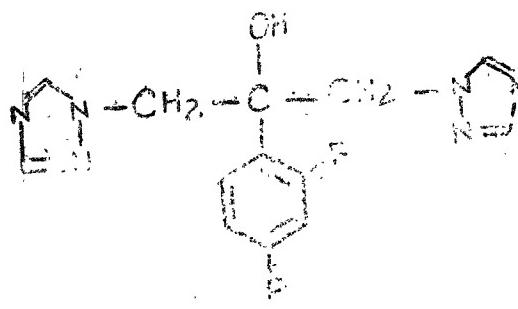
Application for Patent No. 427/DEL/82 filed on 3rd June, 1982.

Convention date on 6th June, 1981/8117379/(U.K.), 17th October, 1981/8131370/(U.K.) and 4th March, 1982/826329/(U.K.).

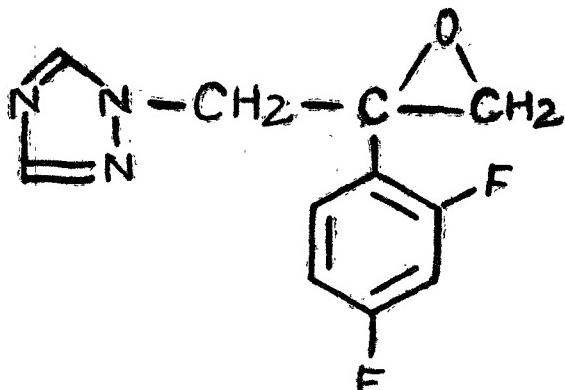
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

3 Claims

A process for preparing a compound of the formula I



or a pharmaceutically acceptable salt thereof, which comprises reacting 1, 2, 4-triazole or a salt thereof with a compound of the formula II



followed by, optionally, conversion of the product of the formula I of a pharmaceutically acceptable salt.

Compl. Specn. 13 pages. Drgs. 3 sheets.

CLASS : 48 D₄ and 68 B.

158114

Int. Cl. : H 02g 7/00.

"AN IMPROVED OVERHEAD ELECTRIC TRANSMISSION OR DISTRIBUTION SYSTEM."

Applicant : BICC PUBLIC LIMITED COMPANY, a British company of 21 Bloomsbury Street, London WC1B 3QN, England.

Inventor : BERNARD GAYLARD.

Application for Patent No. 443/DEL/1982 filed on 14th June, 1982.

Convention Date on 16th June, 1981/8118526/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

12 Claims

An overhead electric transmission or distribution system comprising at least one overhead stranded electric conductor of the kind described freely supported in long lengths from towers spaced along the system, wherein at least one tower of the system the said overhead stranded conductor or one of the said overhead stranded conductors is supported from each of two opposite sides of the tower by suspension means incorporating a weak link which is designed to fracture at a predetermined tensile load which tensile load is substantially less than that which the or each optical fibre and/or optical bundle of the stranded conductor can withstand before fracturing and wherein an excess length of the said stranded conductor extends between the oppositions at which said suspension means are secured to the stranded conductor, the arrangement being such that, in the event that the tensile load on the stranded conductor increases to a value greater than that which the weak links can withstand, one or each of the weak links will fracture and the excess length of stranded conductor will reduce substantially the tensile load on the stranded conductor and thereby substantially reduce risk of optical fibre fracture.

Compl. Specn. 11 Pages.

Drg. one Sheet.

CLASS : 133 B and 68 E₂.

158115

Int. Cl. : G 05f 3/04.

"IMPROVEMENTS IN OR RELATING TO AN ELECTRICAL REGULATOR."

Applicants : THE JAY ENGINEERING WORKS LTD., 23, Kasturba Gandhi Marg, New Delhi-110 001, India, an Indian Company and SHRI RAM INSTITUTE FOR INDUSTRIAL RESEARCH, 19, University Road, Delhi-110 006, India, an Indian Institute.

Inventors : ANANDRAO AMRITRAO SALETORE, TEJ BHAN GUPTA, SHUBRANKAR MUKHERJEE, SHANKAR RAO, CHARANJIT GROVER, JAYANT KRISHNA NIGAM, BISWANATH SHANKAR, GORAYAL, GOVINDA LAL BHALLA AND UMESH TANEJA.

Application for Patent No. 452/DEL/1982 filed on 16th June, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

An electrical regulator for fans comprising a cover made either of a plastic or metallic material and a regulator base plate, a rotary switch provided with said regulator and a resistor mounted within said regulator cover and on the said regulator base plate, characterized in that said resistor is mounted on the said regulator base plate by means of a heat sink so as not to allow leakage of hot air from the regulator and in that the said resistor and the contacts of the rotary switch are soldered together.

Compl. Specn. 9 pages.

Drgs. 5 Sheets.

CLASS : 56A & 6A₂.

158116

Int. Cl. : F25b 39/04 & 31/02.

"A REFRIGERANT UNIT".

Applicant : NECCHI S.p.A., a company organized under law of the Italian Republic of Via Rismondo 78, Pavia, Italy.

Inventor : GIORGIO GIUFFRIDA.

Application for Patent No. 484/DEL/1982 filed on 29th June, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A refrigerant unit comprising a hermetically sealed container, a condenser and a motor driven compressor mounted within said container, said motor driven compressor being mounted in said container on a support means, said compressor in turn supporting the stator of the motor, characterised by a cylinder consisting of an aspiration chamber and a delivery chamber formed in the lower part of said compressor, and said condenser being on one hand connected to the upper wall of said container and on the other hand being connected to said aspiration chamber of said cylinder of said condenser.

Compl. Specn. 6 Pages.

Drgs. 2 Sheets.

CLASS : 56 C.

158117

Int. Cl. B01 I 3/06, B01 J 17/00, 17/18, & 17/20.

"APPARATUS FOR GROWING TUBULAR CRYSTAL-LINE BODIES".

Applicant : MOBIL SOLAR ENERGY CORPORATION, formerly MOBIL TYCO SOLAR ENERGY CORPORATION, a corporation organised under the laws of the State of Delaware, U.S.A. of 16 Hickory Drive, Waltham, Massachusetts, United States of America.

Inventors : RICHARD WARREN STORMONT AND LAWRENCE ERICKSSON.

Application for Patent No. 557/DEL/1982 filed on 21st July 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

13 Claims

Apparatus for use in growing thin-walled hollow tubular crystalline bodies from the melt comprising :

a seed holder substantially in the form of a polygonal plate dimensioned to conform to the interior transverse cross-section of a selected hollow tubular crystalline body having a predetermined interior transverse cross-section;

a stem adapted to suspend said holder from a pulling mechanism; and

a seed in the form of a thin-walled hollow polygonal prism affixed peripherally to said holder.

Compl. Specn. 20 Pages.

Drgs. 2 Sheets.

CLASS : 63 I.

158118

Int. Cl. : H 02k 13/00.

"DEVICE FOR PROTECTING METAL OBJECTS SITUATED IN THE ENVIRONMENT OF AN INTENSE MAGNETIC FIELD DEVELOPED BY AN ALTERNATOR ROTOR."

Applicant : ALSTHOM-ATLANTIQUE, of 38, Avenue Kleber 75794, Paris Cedex 16, France, a French Body Corporate.

Inventors : JEAN DELASSUS, MICHEL GEY, JEAN-CLAUDE COMENSOLI AND PAUL POUGER.

Application for Patent No. 601/DEL/1982 filed on 5th August, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A device for protecting metal objects situated in the environment of an intense magnetic field developed by an alternator rotor with an excitation current passing therebetween during testing without a stator, the device comprising a multi part metal covering surrounding the rotor in the form of at least one metal cage forming a grid with openings therin, the or each cage being made up from a lower half cage which is supported on a base and an upper half cage which is placed on the lower half cage, the half cages meetings along a horizontal joint place, and each half cage having horizontal electrically conductive bars extending parallel to the rotor axis and mechanically and electrically joined to electrically conductive semi-circular rib members, said rib members being located in a plane perpendicular to the cage axis, said cage, or said plurality of cages when placed end to end being longer than the portion of the rotor which produces a magnetic field, and said horizontal conductor bars being tubes through which cooling water circulates and connected to end arc conductors, said end arc conductors serving as manifolds for inlet and outlet of cooling water and located at each end of said half cages.

Compl. Specn. 10 Pages.

Drgs. 3 Sheets.

CLASS : 125 B₂ & 172 C₂.

158119

Int. Cl. : B 65 g 47/00.

"APPARATUS FOR FEEDING, WEIGHING AND RELEASING FIBER ON TO A CONVEYOR".

Applicant : AUTOMATIC MATERIAL HANDLING, INC., OF POST OFFICE BOX 625, BESSEMER CITY, NORTH CAROLINA, U.S.A.

Inventors : KELLER ALEX JAQUES, JOSEPH BANDELA WILLIAMS, ERHARD AUGUST FECHNER, AKIVA PINTO, JAMES ABRAHAM KIND, CHARLES DAVID CRAWFORD AND RILEY COLON MANESS.

Application for Patent No. 630/Del/1982 filed on 18th August 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

An apparatus for feeding, weighing and releasing a pre-determined quantity of fiber to a conveyor or the like in re-occurring cycles whereby the quantity of fiber released in each cycle is maintained at an essentially constant and preselected level, said apparatus including weigh pan means for receiving and collecting said fiber therein, said weigh pan means having selectively operable means for releasing the fiber collected therein, and fiber feeding means for selectively delivering a quantity of fiber to said weigh pan means, the improvement comprising :

(a) said fiber feeding means for feeding fiber to said weigh pan means, for collection therein until the weight of said collected fiber reaches a predetermined level and then for stopping said feeding of fiber, including sensing means for sensing the weight of said fiber, collected in said weigh pan means during each cycle and generating a signal indicative of said weight; and

(b) microprocessor based control means connected to said sensing means, said feeding means and said releasing means, said control means receiving said generated signal for determining the actual weight of fiber released from said weigh pan after each release thereof by said releasing means, for performing an arithmetic subtraction of the value of said actual weight from a constant present weight value corresponding to the weight desired to be released during each cycle, for performing an arithmetic addition of a predetermined fractional portion of the value resulting from said subtraction to the value of said predetermined level, and for establishing for the next said cycle a second predetermined level equal to the value resulting from said addition, and controlling the releasing means, according to the second predetermined level.

Compl. Specn. 15 pages.

Drgs. 4 sheets.

CLASS : 24 C, D₂ 24 F.

158120

Int. Cl. : B60t, 13/00, 15/00.

"VEHICLE BRAKE PRESSURE PROPORTIONING VALVES".

Applicant : AUTOMOTIVE PRODUCTS PLC, A BRITISH COMPANY OF TACHBROOK ROAD, LEAMINGTON SPA, WARWICKSHIRE, CV31 3ER, ENGLAND.

Inventor : AL ASTAIR JOHN YOUNG.

Application for Patent No. 643/DEL/1982 filed on 23rd August 1982.

Convention date 22-9-81/81.28597/(Great Britain).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A vehicle brake pressure proportioning valve comprising a housing having an inlet port for connection to a driver controlled source of fluid pressure and an outlet port for connection to rear brakes of the vehicle, a stepped proportioning valve plunger slidably in a stepped bore in the housing and having one, relatively small, piston area subject to inlet pres-

sure from the inlet port and another, relatively large, piston area subject to brake pressure at the outlet, sealing means disposed between the valve plunger and said bore and interposed between said areas, a leading spring which applies a spring biasing load to the proportioning valve plunger in a direction opposing movement of the plunger under the action of brake pressure at the outlet port and metering valve means associated with the proportioning valve plunger for controlling flow between the inlet port & the outlet port, movement of the proportioning valve plunger against the spring biasing a load changing the metering valve means from an open state permitting flow between the inlet port and the outlet port to a closed state preventing flow from the inlet port to the outlet port, additionally and in addition to its closed state acting as a non-return valve from which closed state the non-return valve is openable to allow flow from the outlet port to the inlet port, a control mass operative to control flow through a control port between the inlet port and a control chamber by seating on an annular valve seat at one end of the control port, a control plunger movable against a predetermined resilient biasing load by pressure in the control chamber acting on a piston area of the control plunger, and a projection on the control plunger which extends through the control port and the annular valve seat, the control mass having a normal, rest, position in which the control mass is prevented from seating on the annular valve seat by the projection, a seated position permitted by the control plunger having been moved against the resilient biasing load by pressure in the control chamber to allow the control mass to be moved under gravity and seat on the annular valve seat and a disabled position in which the control mass has been moved away from the annular valve seat by vehicle deceleration, wherein the control plunger is situated in the stepped bore and lies adjacent to or is integral with the proportioning valve plunger and the resilient biasing load is provided by the loading spring action on the proportioning valve plunger.

Compl. Specn. 19 pages.

Drgs. 3 sheets.

OPPOSITION PROCEEDINGS

The opposition entered by M/s. Thermax Private Limited against the grant of a patent for the application for Patent No. 149317 made by Deccan Sugar Institute as notified in the Gazette of India, Part-III, Section 2 dated the 29th May, 1982 has been allowed and the grant of a patent on the application refused.

PATENTS SEALED

155190 155237 155541 155700 155726 155776 155781 155799
 155800 155801 155850 155866 155873 155874 155875 155877
 155878 155879 155880 155882 155883 155884 155886 155887
 155890 155892 155893 155968 156449 156588 156591 156709
 156711 156712

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Union Carbide Corporation, Manufacturers, a Corporation organised and existing under the laws of the State of New York, United States of America, Located at 270, Park Avenue, New York, State of New York-10017 United States of America have made an application under Section 57 of the Patents Act, 1970 for amendment of application form and specification of their application for Patent No. 155732 for "Cryogenic Storage Container". The amendments are by way of changing address from located at 270 Park Avenue, New York, State of New York-10017, United States of America to "with offices at Old Ringbury Road, Danbury, State of Connecticut 06817, United States of America." The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharva Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the

date of this notification at the Patent Office, Calcutta. If the written statement of opposition is no. filed with the notice of opposition it shall left within one month from the date of filing the said notice.

RENEWAL FEES PAID

137222 137812 137896 138037 138056 138172 138432 138914
 139071 139185 139757 140069 140085 140463 140734 140851
 140886 141082 141321 141383 141568 141771 141842 141868
 142070 142397 142494 142509 142797 143021 143184 143192
 143271 143563 143620 143813 144019 144410 144562 144858
 145246 145359 145617 145637 145776 145818 145859 145973
 146215 146365 146513 146507 146734 146853 147225 147271
 147282 147631 148081 148161 148475 148978 149077 149177
 149328 149642 149965 150004 150071 150100 150121 150122
 150151 150388 150642 150855 150917 150934 150953 151383
 151422 151480 151522 151536 151586 151641 151686 151737
 151797 151914 152044 152072 152290 152410 152621 152653
 152700 152706 152739 152764 152797 152900 152906 152963
 152966 153013 153207 153482 153604 153891 153938 154022
 154134 154219 154255 154574 154635 154789 155483 155795
 155797

CESSATION OF PATENTS

153058 153299 154004 154380 154382 154387 154394 154396

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 156447. The Gillette Company, a corporation organised under the laws of the State of Delaware, United States of America, of Prudential Tower Building, Boston, State of Massachusetts, United States of America. "a Razor". 18th December, 1985.

Class. 1. No. 156547. Richardson Hindustan Limited, a Company incorporated under the Indian Companies Act, 1956 having its registered office at Tiecicon House, Dr. E. Moses Road, Bombay-400 011, Maharashtra, India.

Class. 1. No. 156686. Peico Electronics and Electricals Limited, of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "a Television". 20th February, 1986.

Class. 1. No. 156689. Peico Electronics and Electricals Limited, of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "a Television". 21st February, 1986.

Class. 3. No. 156166. AIRWICK A.G., a Swiss Company of Webergasse 34, 4005 Basle, Switzerland. an "Air Freshening Device". 25th October, 1985.

Class. 3. No. 156448. The Gillette Company, a corporation organised under the laws of the State of Delaware, United States of America, of Prudential Tower Building, Boston, State of Massachusetts, United States of America. "a Razor". 18th December, 1985.

Class 3. No. 156548. Richardson Hindustan Limited, a Company incorporated under the Indian Companies Act, 1956 having its registered office at Tlecicon House Dr. E. Moses Road, Bombay-400 011, Maharashtra, India. "Soap Box". 22nd January, 1986.

Class. 3. No. 156685. Peico Electronics and Electricals Limited, of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "a Telcvision". 21st February, 1986.

Class. 3. No. 156690. Peico Electronics and Electricals Limited, of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "a Television". 20th February, 1986.

Class 3. No. 156910. Eagle Flask Private Limited, (a company incorporated under the provisions of Indian Companies Act) at Eagle Estate, Talegaon-410 507, Pune, Maharashtra State, India. "Water Jug". 4th April, 1986.

Class 3. No. 157084. Greater Bombay Retailing Services Private Limited, (a company incorporated under Indian Companies Act) at 9-B, Cowasji Patel Street, Bombay-400 001, State of Maharashtra, India. "Fridge Deodoriser". 22nd May, 1986.

Class 3. Nos. 157231, 157232. Kirti Electronics, An Indian Proprietorship Firm of Begum Bazar, Hyderabad, A. P., India. "Voltage Stabilizer" 4th July, 1986.

Class. 4. No. 156549. Richardson Hindustan Limited, a Company incorporated under the Indian Companies Act, 1956 having its registered office at Tlecicon House, Dr. E. Moses Road, Bombay-400 011, Maharashtra, India. "Soap Box". 22nd January, 1986.

Class 4. No. 156684. Peico Electronics and Electricals Limited, of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "a Television". 20th February, 1986.

Class. 4. No. 156688. Peico Electronics and Electricals Limited, of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "a Television". 21st February, 1986.

R. A. ACHARYA
Controller General of Patents, Designs
and Trade Marks

